

OM protein - protein search, using sw model  
Run on: January 12, 2004, 17:40:15 ; Search time 21 Seconds  
Sequence: 1 MRKTRIGWGLWMLRVSELRA.....LWVTKGFRSFLSFLWVDS 150  
Scoring table: BIOSUM62  
Gapop 10.0 , Gapext 0.5  
Searched: 328717 seqs 42310858 residues

Total number of hits satisfying chosen parameters: 328717

Minimum DB seq length: 0  
Maximum DB seq length: 200000000  
Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued Parents AA:\*

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1: /cgn2_6/ptodata/1/iaa/5A_COMBO_PEP:*
2: /cgn2_6/ptodata/1/iaa/5B_COMBO_PEP:*
3: /cgn2_6/ptodata/1/iaa/6A_COMBO_PEP:*
4: /cgn2_6/ptodata/1/iaa/6B_COMBO_PEP:*
5: /cgn2_6/ptodata/1/iaa/PCTUS_COMBO_PEP:*
6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query	Match Length	DB ID	Description
1	725	91.2	234	4	US-09-149-476-478
2	725	91.2	234	4	US-09-173-151A-23
3	725	91.2	234	4	US-09-173-151B-36
4	95.5	12.0	352	4	US-09-173-1825
5	95.5	12.0	365	2	US-09-179-424-3
6	95.5	12.0	365	3	US-09-179-383B-2
7	95.5	12.0	365	3	US-09-179-456-2
8	95.5	12.0	466	4	US-09-604-1078-8
9	93.5	11.8	365	3	US-09-928-383B-23
10	93.5	11.8	365	3	US-09-928-383B-24
11	93.5	11.8	365	3	US-09-928-383B-26
12	93	11.7	323	6	526023-4
13	92.5	11.6	393	1	US-09-429-742-2
14	89.5	11.3	388	1	US-09-429-742-4
15	87.5	11.0	323	4	US-09-651-200-21
16	87.5	11.0	323	5	PCT-US94-09642-2
17	87.5	11.0	329	2	US-09-456-104-2
18	87.5	11.0	329	2	US-09-101-624-2
19	87.5	11.0	329	3	US-09-479-744A-2
20	87.5	11.0	329	3	US-09-757B-2
21	87.5	11.0	329	3	US-09-205-697A-23
22	87.5	11.0	329	3	US-09-702-525-23
23	87.5	11.0	329	4	US-09-401-254-4
24	87.5	11.0	329	4	US-09-667-135-32
25	87.5	11.0	329	4	US-09-435-816A-4
26	87.5	11.0	329	4	PCT-US95-2576-23
27	86	10.8	561	4	US-09-173-151A-23

Sequence 23, Appl  
Sequence 35, Appl  
Sequence 32, Appl  
Sequence 45, Appl  
Patent No. 5223394  
Sequence 8, Appl  
Sequence 8, Appl  
Sequence 8, Appl  
Sequence 517, Appl  
Sequence 6, Appl  
Sequence 6, Appl  
Sequence 20, Appl  
Sequence 2, Appl  
Sequence 22, Appl  
Sequence 22, Appl  
Sequence 10, Appl

#### ALIGNMENTS

POST-PROCESSING: Maximum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Parents AA:\*

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1: /cgn2_6/ptodata/1/iaa/5A_COMBO_PEP:*
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3: /cgn2_6/ptodata/1/iaa/6A_COMBO_PEP:*
4: /cgn2_6/ptodata/1/iaa/6B_COMBO_PEP:*
5: /cgn2_6/ptodata/1/iaa/PCTUS_COMBO_PEP:*
6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*
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23	87.5	11.0	329	4	US-09-401-254-4
24	87.5	11.0	329	4	US-09-667-135-32
25	87.5	11.0	329	4	US-09-435-816A-4
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7	95.5	12.0	365	3	US-09-179-456-2
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9	93.5	11.8	365	3	US-09-928-383B-23
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17	87.5	11.0	329	2	US-09-456-104-2
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20	87.5	11.0	329	3	US-09-757B-2
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24	87.5	11.0	329	4	US-09-667-135-32
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20	87.5	11.0	329	3	US-09-757B-2
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22	87.5	11.0	329	3	US-09-702-525-23
23	87.5	11.0	329	4	US-09-401-254-4
24	87.5	11.0	329	4	US-09-667-135-32
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4: /cgn2_6/ptodata/1/iaa/6B_COMBO_PEP:*
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6	95.5	12.0	365	3	US-09-179-383B-2
7	95.5	12.0	365	3	US-09-179-456-2

Query Match 91.2%; Score 725; DB 4; Length 234;  
 Best Local Similarity 100.0%; Pred. No. 8.2e-77; Length 234;  
 Matches 137; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MRKTRIWLGLMLFVSELRAATKLKEBEKYELKEGOTLDVKDYTEKFASSQKAWQIRD 60  
 Db 1 MRKTRIWLGLMLFVSELRAATKLKEBEKYELKEGOTLDVKDYTEKFASSQKAWQIRD 60

QY 61 GMPKTLACTERSPKNSHPSVQGRILEDYDHGLRVRVMNLOVEDSGLYCVIQPK 120  
 Db 61 GMPKTLACTERSPKNSHPSVQGRILEDYDHGLRVRVMNLOVEDSGLYCVIQPK 120

QY 121 EPHMLFDRIRUVTKGF 137  
 Db 121 EPHMLFDRIRUVTKGF 137

RESULT 2  
 US-09-702-705-1825  
 Sequence 1825, Application US/09702705  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Wang, Tongtong  
 ; APPLICANT: Bangur, Chaitanya S.  
 ; APPLICANT: Lodges, Michael A.  
 ; APPLICANT: Ranger, Gary  
 ; APPLICANT: Vedick, Tom  
 ; APPLICANT: Carter, Darrick  
 ; APPLICANT: Rettler, Marc  
 ; APPLICANT: Mannion, Jane  
 ; APPLICANT: Fan, Liqun  
 ; APPLICANT: Wang, Aijun  
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND  
 ; FILE REFERENCE: 210121.478C15  
 ; CURRENT FILING DATE: 2000-12-13  
 ; NUMBER OF SEQ ID NOS: 1864  
 ; SOFTWARE: FastSEQ for Windows Version 3.0  
 ; SEQ ID NO: 1825  
 ; LENGTH: 234  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 ; US-09-736-457-1825

Query Match 91.2%; Score 725; DB 4; Length 234;  
 Best Local Similarity 100.0%; Pred. No. 8.2e-77; Length 234;  
 Matches 137; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MRKTRIWLGLMLFVSELRAATKLKEBEKYELKEGOTLDVKDYTEKFASSQKAWQIRD 60  
 Db 1 MRKTRIWLGLMLFVSELRAATKLKEBEKYELKEGOTLDVKDYTEKFASSQKAWQIRD 60

QY 61 GMPKTLACTERSPKNSHPSVQGRILEDYDHGLRVRVMNLOVEDSGLYCVIQPK 120  
 Db 61 GMPKTLACTERSPKNSHPSVQGRILEDYDHGLRVRVMNLOVEDSGLYCVIQPK 120

QY 121 EPHMLFDRIRUVTKGF 137  
 Db 121 EPHMLFDRIRUVTKGF 137

RESULT 4  
 US-09-996-243-505  
 Sequence 505, Application US/09996243  
 ; GENERAL INFORMATION:  
 ; Patent No. 647825  
 ; Sequence 505, Application US/09996243  
 ; APPLICANT: Ashkenazi, Avi J.  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Bestein, David  
 ; APPLICANT: Destroyer, Luc  
 ; APPLICANT: Eaton, Dan L.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gerber, Hans Peter  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurley, Austin L.  
 ; APPLICANT: Kjelvin, Ivar J.  
 ; APPLICANT: Napier, Mary A.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.  
 ; APPLICANT: Roy, Margaret Ann  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Watanabe, Colin K.  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.  
 ; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P2730P1C3  
 ; CURRENT APPLICATION NUMBER: US/09/996, 243

RESULT 3  
 US-09-736-457-1825  
 ; Sequence 1825, Application US/09736457  
 ; Patient No. 6505448  
 ; GENERAL INFORMATION: